Abstract

The invention relates to a method for reducing the noise of turbo engines with cascades (S1; R1, S2; R1, S3; R3, S4; R4) as well as a stator-rotor arrangement. According to the invention, the hydrodynamic pressure fluctuations occurring on the cascades (S1, R1; S2, R1; S3, R3; S4, R4) are reduced by varying the surface circulation of at least one section of at least one stator (S1, S2, S3, S4) and means (11, 12, 13, 14, 15, 16, 17) are provided on one or more stators (S1, S2, S3, S4) for influencing the surface circulation of at least one section of the stator (S1, S2, S3, S4).

(Fig. 2).